

ABSTRACT

An object of the present invention is to provide a low-alloyed steel powder for sintering that can yield a sintered compact with high density and uniform characteristics, and to provide a sintered compact having such characteristics. The present invention is a raw powder for sintering, comprising Fe as its primary component and also comprising 0.8 wt% or less of C, 0.05 to 1.0 wt% of Si, 1.0 wt% or less of Mn, and 1.0 to 10.0 wt% or less of Ni, wherein the mean grain size of the raw powder for sintering is $8.5\text{ }\mu\text{m}$ or less; and is also a granulated powder for sintering obtained by granulating the raw powder for sintering by means of a binder.